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Bristol Education Committee.

# ANNUAL REPORT

OF THE

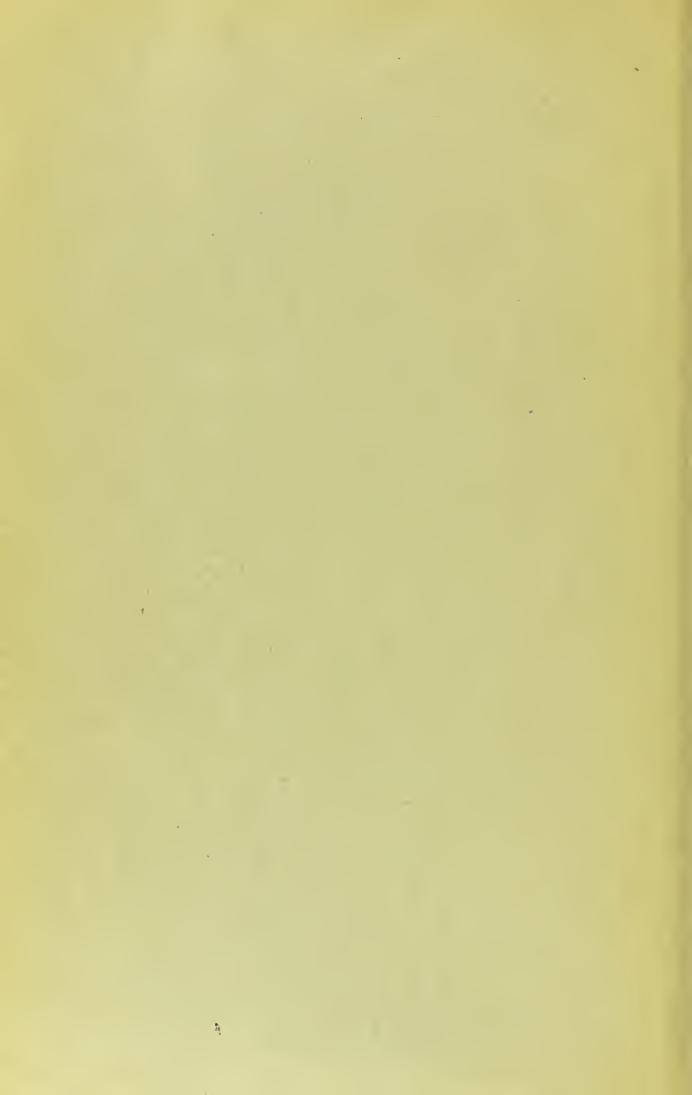
Acting School Medical Officer.

1916.

(NINTH YEAR.)

BRISTOL:

BURLEIGH LTD., LEWIN'S MEAD.





## Bristol Education Committee.

# ANNUAL REPORT

OF THE

Acting School Medical Officer.

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BURLEIGH LTD., LEWIN'S MEAD.

## BRISTOL EDUCATION COMMITTEE,

Chiarman: Alderman E. H. Cook, D.Sc., J P.

Vice-Chairman: Alderman W. H. Elkins, M.A., J.P.

## Hygiene Sub-Committee:

Chairman: Alderman W. H. Elkins, M.A., J.P.

Alderman E. H. Cook, D.Sc., J.P.

Mrs. Atchley.

Councillor A. COTTAM CASTLE.

Mr. J. GARD.

Councillor W. SAISE, D.Sc.

Councillor C. SHADDICK.

Alderman F. Sheppard, M.A., J.P.

Councillor S. A. SHIRLEY.

Miss F. M. Townsend, M.A.

Councillor A. J. VEALE.

Secretary for Education: Wm. Avery Adams.

## BRISTOL EDUCATION COMMITTEE,

#### School Medical Officer:

\*R. A. ASKINS, M.A., M.D., D.P.H.

Acting School Medical Officer (Whole Time).

MADELEINE S. BAKER, B.A., M.D., B.Ch.

#### Assistant Medical Officers (Part Time).

A. CARLING, M.A., M.B., M.R.C.S.
S. B. GREEN, M.B., M.R.C.S., L.R.C.P., D.P.H.
\*T. A. GREEN, M.D., F.R.C.S. (Ed.) (Senior Assistant).
W. T. MADDISON, M.D., M.R.C.S.
R. SMYTH, M.A., M.D., M.Ch.
E. CECIL WILLIAMS, B.A., M.B., B.C., M.R.C.P.

#### Assistant Medical Officers for Industrial and Special Schools:

Annie Cornall, F.R.C.S.I., L.R.C.P. and S. (Ed.), Carlton House Industrial School.

- L. M. GRIFFITHS, M.R.C.S., L.R.C.P., Redcross Street and Orchard Place Schools for Mentally Defective Children.
  - J. S. GRIFFITHS, M.R.C.S., L.R.C.P., Day Industrial School.

#### Ophthalmic Surgeons for Refraction Cases:

HON. STAFFS OF THE BRISTOL EYE HOSPITAL AND EYE DISPENSARY.

## Dentist to Institution for Deaf Children, Carlton House Industrial School, and Day Industrial School:

V. Massey-Crosse, L.D.S.

#### School Nurses:

Miss L. Elkins. Miss A. M. Newton.

Miss A. E. Champion. Miss A. D. Bond.

Miss C. A. Erwin, Redeross Street Special Schools.

#### Clerical Staff:

A. C. J. Gregory (Chief Clerk). Miss I. M. Porter.

\*E. G. Davey. Miss H. D. Gilmore.

\*A. E. Garland. Miss M. O. Illingworth.

\*J. H. Middleton. Miss A. Stinchcombe.

## BRISTOL EDUCATION COMMITTEE.

## Report

OF THE

ACTING SCHOOL MEDICAL OFFICER for year ended 31st December, 1916,

May, 1917.

To the Chairman and Members of the Education Committee.

Ladies and Gentlemen,

In the continued absence of Dr. R. A. Askins on Military Service, I beg to submit the report of the work done in the School Medical Department during the year ending 31st December, 1916.

It has been my object to carry on the work as far as possible on the lines organised by Dr. Askins. A few minor changes only have been made and will be noted in the following report, which will not include the details of organisation given in previous reports.

Throughout the year no changes have taken place in the medical staff. The following part-time Doctors were re-appointed: Dr. A. Carling, Dr. S. B. Green, Dr. T. A. Green, Dr. W. T. Maddison, Dr. R. Smyth, and Dr. E. C. Williams.

The Nursing Staff was added to in September by the appointment of Miss A. D. Bond.

The chief feature of the year's work has been the growth of the routine work of the school clinics. It is greatly to be regretted that war conditions prevent at present the development of treatment clinics for special diseases. An X-ray and Skin Department and a Dental Department are very urgently needed. The Committee has had under consideration during the year the need for X-ray treatment of ringworm, and I propose to include in my report full particulars of the incidence and treatment of this disease.

The premises available at present for the School Clinics, both at New Street and Bedminster Parade, are unsatisfactory from several points of view, the space available remaining limited, although the clinic attendance has considerably grown. One small room in each centre has to be used for Inspection and Treatment clinics. This necessitates constant use both in the morning and afternoon on several days in the week. Improvements were made during the Summer vacation at St. Mary's-on-the-Quay Clinic, and the supply of gas for sterilisation purposes has greatly facilitated the Nurse's work.

The need for special classes for dull and backward children is more urgently felt each year. Such children, when refused for admission to the Mentally Defective Schools, are passed back into the ordinary school, where they have to be taught in large classes with children much their juniors in point of age.

I have to express again my appreciation of the co-operation given by the Secretary for Education, and my indebtedness to the Head Teachers and Attendance Officers, who have given such efficient help to this department.

#### GRANT.

The Board of Education during 1916 granted the sum of £1,140 6s. 9d. towards the total expenditure of the previous year—45 per cent. of the expenditure.

I am, Ladies and Gentlemen,

Yours obediently,

MADELEINE S. BAKER,

Acting School Medical Officer.

TABLE 1.—NUMBER OF CHILDREN INSPECTED, 1st January, 1916, to 31st December, 1916. A. "Code" Groups.

Grand	10tai.	8,116	8,438	16,554
	14 Total	2,919	3,026	19 5,945
rers.	14	\omega \tag{\text{\tinit}\\ \text{\texi}\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\texi{\text{\texi}\tint{\text{\text{\text{\text{\text{\texi}\text{\text{\texi}\text{\t	11	19
Leavers.	13	641	581	1,222
	12	2,270	2,434	4,704
iate	Total.	1,569	1,895	3,464 4,704 1,222
Intermediate Group.	6	434	485	919
In	8	1,135	1,410	2,545
	Total.	3,628	3,517 1,410	1,387 7,145 2,545
ts.	9	693	694	1,387
Entrants.	5	876 1,482	833 1,460	2,942
	4	876	833	1,709
	က	577	530	1,107
	Age.	Boys	Girls	Totals 1,107 1,709 2,942

B. Groups other than "Code."

Boys        407       1,504         Girls        491       1,482         Totals        898       2,986				Special Cases.	Re-examinations.
491 cals 898	Boys	:	:	407	1,504
868	Girls	:	:	491	1,482
	Totals		:	868	2,986

TABLE II.

RETURN OF DEFECTS FOUND IN THE COURSE OF MEDICAL INSPECTION.

		CODE	GROUPS	SPECIALS
	DEFECT OR DISEASE.	Number referred for treatment.	Number of other children found defective but not referred for treatment	Number referred for treatment.
	(1)	(2)	(3)	(4)
	Malnutrition	II	261	6
	General Debility	231	_	
	Uncleanliness:	0		
	Head	283	127	25
	Body	II	128	)
	Ringworm:	2		1
	n.i.	3 7		} 13
Skin	Scabies	3 7 2		
	Impetigo	25	15	10
	Other Discases	33	5	
	(Defective Vision and	00		
Eye	{ Squint	780	1,196	255
	External Eye Disease	67	105	21
Ear	∫Defective Hearing	65	225	21
	Ear Disease	150	76	27
Teeth	Dental Disease	525	900	33
Nose &	Enlarged Tonsils and	0.6		
Throat	Adenoids	586	1,133	99
Heart	Defective Speech	2	90	I
and	(Heart Disease:		<b>T</b> O <b>d</b>	
Circu-	Organic	17	135	
lation	Functional	I	15	20
1441011	Pulmonary Tuberculosis:	IIO	273	20
	Definite	e	6	)
Lungs	Sugnested	5 27	IO	
04	Chronic Bronchitis	IOI	98	24
	Other Diseases			}
Nervous	(Epilepsy	3 3 6	9	í
System	{Chorca	6	9	} II
System	Other Diseases	2	_	)
	Non-Pul. Tuberculosis:			
	Glands	2	II	5
	Bones and Joints	I	2	2
	Other Forms	I		
	Rickets	12	23	8
	Deformities	10	58	O
	Other Defects or Diseases	TOF	50	45
	Diseases	105	59	40

#### CITY AND COUNTY OF BRISTOL.

#### GENERAL INFORMATION.

Population (estimated)		•••	352,859
Area		• • •	17,460 acres
No. of Schools		•••	90
No. of Departments	• •••		216
Accommodation	• •••		60,900
Average No. on Registers			58,846
Average Attendance	• •••	•••	51,485

#### ROUTINE MEDICAL INSPECTION.

In January of this year the examination of "Entrants" was modified as an emergency arrangement to suit the reduced medical and educational staffs. A processional system was adopted by which all "Entrants" are submitted by the Head Teachers, without previously being weighed and measured and in the absence of their parents, to the School Doctor for a brief examination, up to 100 children being seen by him in one session.

The School Doctor then selects children for a detailed examination and re-visits the school as soon as possible to carry out the routine examination on the usual lines, the parents on this occasion being summoned.

Special medical examination cards were printed during the year for the recording of cases of suspected Tuberculosis. The system was introduced of referring to the Tuberculosis Dispensary all children suspected by the School Doctors of suffering from Tuberculosis.

#### RE-EXAMINATIONS.

The total number of children re-examined during 1916 was 2,986.

#### SPECIAL CASES.

During the year 898 children were brought forward by School Nurses, Head Teachers, Attendance Officers, etc., and examined in the schools for suspected defects, or on account of absence from school for unknown causes. In 294 cases no appreciable defect was found.

The decrease in the number of special cases may be accounted for in part by the fact that a large number of urgent special cases are sent by the Head Teachers to the Inspection Clinics.

TABLE IV.—TREATMENT OF DEFECTS OF CHILDREN DURING 1916.

VOTERTONO)	TOTATE	No. of	RESU	RESULTS OF TREATMENT.	IMENT.	No. of	Percentage
	e de la companya de l	Treated.	Remedied.	Improved.	Unchanged.	not Treated.	Treated.
Nutrition	25	252	\sigma	12	ଚୀ	က	88.00
$\vdash$	771	430	238	149	43	341	55.77
External eye disease	97	80	39	33	<b>%</b>	17	82.47
Ear disease	283	214	55	135	<b>76</b>	69	75.62
Teeth	151	103	35	62	၁	48	68.21
Heart and circulation	167	145	39	93	13	55	86.82
Lungs	544	218	78	124	16	26	89.34
Nervous system	801	28		21	1	1	100.00
Skin	08	7.1	45	54	20	6	88.75
Rickets	<del>-</del> jı	ಣ	1	ণা	1	-	75.00
Deformities	တ္ဆ ဇၤ	42	2	13	<del>- j</del> 4	च्य	85.71
Tuberculosis-Non-pulmonary		1	ଦୀ	4		1	100.00
Speech	<u></u>	ণ		ণা	1		99.99
Mental condition	<u>ල</u>	7	က	<del>-1</del> 1		কা	77.77
Vision and squint		721	+6+	180	47	53	93.15
Hearing		54	30	17	7	27	99.99
Rheumatism		9	ଚୀ	4	1		85.71
Glands		100	13	7	e0	কা	92.00
Miscellaneous		190	¥2	104	12	29	86.76
	3,003	2,348	1,167	980	191	655	78.19

Also 266 delicate children were re-examined.

The total number of children re-examined was:—
Boys ... ...

1,504	1,102	2,986
:	•	:
:	:	:
:	:	:
:	:	Total
:	:	
Boys	Citio	

#### FOLLOWING UP.

#### SCHOOL NURSES.

Table showing work done in the schools and homes by the four School Nurses during 1916 as compared with previous years:—

	No, of visits made to Schools		No. notified to parents requiring treatment	No. of visits paid to homes
1914	995	19,692	2,729	1,878
1915	1,434	41,316	7,583	2,146
1916	1,275	46,285	3,707	1,595

#### CHILDREN'S CARE COMMITTEE.

This Committee continues to do valuable work in the followingup of children reported by the Head Teachers on Form M.I. 7 as not having had treatment. (See Table V.)

#### SCHOOL CLINICS.

The growth of the Inspection Clinic has considerably facilitated the following-up of children excluded from school, or recommended for medical treatment.

Bedminster Parade Clinic.—Dr. E. Cecil Williams continued to act as Medical Officer in place of Dr. Askins,

New Street School Clinic.—The Acting School Medical Officer remained in charge of New Street Clinic.

St. Mary's-on-the-Quay Clinic.—During the year it was decided to hold an Inspection Clinic once a month at St. Mary's-on-the-Quay Clinic. This is visited by the Acting School Medical Officer.

The total number of attendances at the three School Clinics during the year shows a considerable increase, being 9,736, as compared with 3,879 in 1916.

TABLE V.—Table showing action taken by Parents as reported by Head Teachers and Members of the Children's Care Committee.

		He	ad Teache	Head Teachers' Reports.	ts.		Chilc	Children's Care Committee Members' Reports.	e Commi Reports.	ttee
	No. of Children		No A	No Action.		No. of Cases				No.
Notice sent to Farents.	wikin Defects.	Action taken.	In Schools with Visitors.	In Schools without Visitors.	Left, etc.	passed on to C.C.C.	Action taken.	No Action.	Left, etc.	injorma- tion avail- able.
"B" Card, medical treatment necessary	2,172	1,065	994	87	56	994	306	314	31	343
"Eye defects or disease	SS	51	31	63	-	31	I 33	6		o
"I" Card, defective teeth	623	153	421	43	1	421	06	184	12	135

Table showing attendances at the clinics:—

Classification	of Cas	ses		New Cases No. of Cases	No. of Attendances
Eye Defects		• • •		156	320
Eye Disease		• • •		449	1,462
Ear Disease		• • •		163	788
Nose and Throat				27	44
Heart Affection				19	33
Lungs—					
Consumption	• • •			19	35
Other Diseases			• • •	279	495
Tuberculosis—Non-pul	mona	ary		5	25
Skin —					
Ringworm, Head				293	3,099
,, Body		• • •		364	1,075
Impetigo and Nit	S			495	1,130
Scabies				155	666
Other Diseases				122	216
Nervous System—					
Chorea			• • •	23	56
Epilepsy				20	53
Various other Diseases	S	• • •		80	149
No Defect	• • •			84	90
				2,753	9,736

## MEDICAL TREATMENT,

## (1) Arrangements made by the Authority.

No alterations have been made in the arrangements for the treatment of minor defects and errors of refraction in the case of children not receiving treatment from private practitioners.

#### THE TREATMENT CLINIC.

Three Treatment Clinics are held respectively five mornings in the week, at Bedminster Parade, New Street, and St. Mary's-on-the-Quay Clinics, for the treatment of minor ailments. All minor ophthalmic defects and skin conditions are treated by the School Nurses, under instructions given by the Doctor in charge of the Clinic.

Table	giving	particulars	of	treatment	carried	out	during	the
year.								

Classification of Cases		No. of Cases	Attendance for Treatment
Ringworm		302	8,103
Eye Disease		324	9,591*
Ear Disease		98	7,403*
Other Diseasc	•••	294	2,939
Totals		1,018	28,036

<sup>\*</sup> These figures include attendances of children from New St. Special School.

The total number of attendances for treatment was 28,036, as compared with 19,493 in 1915.

#### PROVISION OF SPECTACLES.

The arrangement made for the treatment of defective vision with the Bristol Eye Hospital and Eye Dispensary remained unaltered throughout the year. The greater number of children found to have defective vision were refracted, the spectacles so prescribed being obtained through Messrs. Curry and Paxton. The Royal Surgical Aid Society still continues to defray a quarter of the total cost of the spectacles. Owing, however, to the large sum collected by the School Attendance Officers in contributions from the parents, the Education Committee decided to relieve that Society in part of its promise by paying into its funds a donation of £10.

During the year 1,233 cases were refracted, and 736 pairs of spectacles supplied at a cost of £139 13s. 0d.

#### RINGWORM.

The serious loss of school attendance resulting from the prevalence of ringworm has been so much before the Committee this year that I propose to give in detail the incidence of the disease and the steps taken to control and treat it.

To assist the accurate diagnosis of infection or cure, 202 specimens of hair have been examined microscopically in the School

Medical Office during the year. In 106 cases the fungus was found to be present. As a preventive measure also, the examination of contacts has been carried out as far as possible in the School Clinics, and by the Nurses in the homes. Parents are encouraged to bring to the clinics for examination children under school age, and in this way the incidence of ringworm is often detected and the disease cured before the child reaches school age.

During the year, 853 children with ringworm were excluded on medical certificates. The number of attendances lost as the result of ringworm is estimated to have been 89,215.

The absence of these children resulted in a loss of grant amounting to about £426.

Table showing result of cases referred for diagnosis during 1916:—

1916.	Totals.	Distri	bution
No. of children referred for diagnosis  No. of cases "not ringworm"	953 100		sease. Body.
No. of cases diagnosed "Ringworm" No. of cases brought forward from 1915	853 310	410 234	443 76
Total cases dealt with	1,163	644	519

Table showing result of treatment:-

Distribution of Disease.	Scalp.	Body.	Totals.
Private treatment cases certified cured	157	120	277
Cases certified by School Medical Officers	200	340	540
Children who left school uncured	18	10	28
Cases still under exclusion, December, 1916	269	49	318
Totals	644	519	1,163

Table showing average period of exclusion in weeks:—

	So	calp Ringworm	Body Ringworm.
Private treatment cases Centre treatment cases (Ointment and lotions)		28.15 weeks 28.79 ,,	6.27 weeks 4.3 ,,

The incidence of ringworm would appear from these figures to be increasing, 853 cases having been diagnosed as compared with 747 in 1915.

## (2) Facilities apart from provision by Education Committee.

#### INFECTIOUS DISEASE.

#### TUBERCULOSIS.

The Education Committee is indebted to the Public Health Authority for close co-operation with the School Medical Department with regard to the diagnosis and treatment of Tuberculosis in school children.

Two sessions weekly are set aside at the Tuberculosis Dispensary for the examination of children recommended from all sources, and weekly returns of school cases are furnished by the Tuberculosis Officer to this Office.

The Medical Officer of Health also reports to the School Medical Officer the names and addresses of all cases of Tuberculosis in school children notified to him.

In this way a register of all tuberculous children can be kept in the School Medical Department. In the case of tuberculous or doubtfully tuberculous children referred by the School Doctors, the Tuberculosis Officer has very kindly agreed to furnish details on a special school medical record card, which is forwarded to him in the case of all such children, the cases being summoned by the School Authority to attend the Tuberculosis Dispensary. The information as to diagnosis, and recommendation for treatment, exclusion from school, etc., given on these cards is of great value.

At the end of three months these cases are again referred to the Dispensary by the School Medical Department for a further report.

Table showing results of examination of 775 school children at the Tuberculosis Dispensary:—

Non-tuberculous	•••	• • •	•••		• • •	• • •	21
Doubtfully tuberculous	• • •	• • •	• • •		• • •	•••	115
Bone tuberculosis	• • •	• • •	• • •	• • •	• • •	• • •	3
Abdominal tuberculosis		• • •	• • •	•••	• • •	• • •	20
Glandular tuberculosis	(inclu	ding	Hilum	tuberc	ulosis)	• • •	364
Arrested Pulmonary tu	bercu	losis	• • •	•••		• • •	28
Pulmonary tuberculosis			•••	•••	•••	• • •	224
				Total	• • •	•••	775

A large number of school children were admitted to Sanatoriums on the recommendation of the Tuberculosis Officer.

#### MEASLES.

In April, 1916, in co-operation with the Medical Officer of Health, the Committee decided that by way of experiment in six of their Infant Schools, with a view to controlling the spread of measles, the exclusion of infant "class contacts," who had not had measles, should be adopted.

When an initial case of measles occurs in one of these six schools, and it is possible to ascertain the date of actual onset, all previously non-infected infant "class contacts" are excluded during the period of invasion of the disease, that is from the 9th to the 15th day after the date of onset of the first case.

#### School Closures.

No. of schools closed on account of epidemics, 2.

TABLE VI.

Cases of Notifiable Infectious Diseases amongst Children attending the Public Elementary Schools, with Contacts.

Plague.  1916.  Cases Contacts	Scarle							
		Scarlet Fever.	Enteric	Enteric Fever.	Diph	Diphtheria.	Mea	Measles.
	ouse tacts Cases	Contacts	Cases	Contacts	Cases	Contacts	Cases	Contacts
lst Quarter — — —	86	237	ଚୀ	9	63	143	715	əl
2nd Quarter — — —	95	194	1	1	21	73	154	
3rd Quarter 1 4	4 79	147	1		29	63	34	N lisy
4th Quarter — — —	86	143			48	122	40	Λ
1 4	4 370	721	22	9	161	401	943	

Cases of Non-notifiable Infectious Diseases (on School H. D. Cards).

		ıst Quarter	2nd Quarter	3rd Quarter	4th Quarter	Totals
Whooping Cough	:	65	56	32	57	210
Chicken Pox	:	221	187	09	116	584
··· ·· sdunly	:	44	36	15	31	126
Various Conditions	:	13	9	2		28
		343	285	109	211	948

The causes of death among all children of ages 5 to 15 years in Bristol are set out in the following return, the particulars of which have been supplied by the Medical Officer of Health:—

1916.

Cause	e of de	ath.		•		No
Measles	•••	•••		• • •		4
Scarlet Fever	•••		• • •			5
Diphtheria and Croup	• • •					8
Phthisis (Pulmonary Tul	perculos	sis)	• • •	···	• • •	20
Tuberculous Meningitis		• • •		•••		14
Other Tuberculous diseas	ses	• • •	• • •		• • •	11
Malignant Disease				• • •	1	2
Rheumatic Fever	• • •			• • •		5
Meningitis	•••					12
Organic Heart Disease	• • •	•••	• • •			9
Bronchitis	• • •					3
Pneumonia (all forms)	• • •		•••			15
Other diseases of Respira	atory C	)rgans		• • •		3
Appendicitis and Typhlit	_	•••		•••		7
Cirrhosis of Liver			• • •	•••		1
Nephritis and Bright's D	isease	• • •		• • •		7
Violent Deaths	• • •		•••	•••		18
Other Diseases	• • •	•••		• • •	•••	38
		All ca	uses	•••	•••	183

## OTHER ACTIVITIES-MISCELLANEOUS.

## (1) MENTAL DEFICIENCY ACT, 1913.

# ELEMENTARY EDUCATION (DEFECTIVE AND EPILEPTIC CHILDREN) ACT, 1914.

Apart from the work in connection with the special schools for the education of the higher grades of Mentally Defective children, a number of ineducable children have been certified by the Acting School Medical Officer, and have been notified by the Education

Committee to the Statutory Committee under the Mental Deficiency Act. The Acting School Medical Officer, being also the Certifying Officer to the Statutory Committee, is by reason of this double office responsible for the medical certification for admission to Institutions of all children so dealt with by the Statutory Committee. With a reduced staff, this double office has in the past year entailed a considerable amount of work.

Although in the past twelve months the number of cases certified by me as incapable of receiving benefit in the special schools, and notified to the Statutory Committee, has decreased considerably in comparison with the previous year, the work in connection with the admission of children to Institutions has increased greatly—38 children having been admitted as compared with 10 children in the previous year. These children have, with few exceptions, suffered from a low grade of mental defect.

Table of cases referred to the Statutory Committee:—

Classification of Cases	Idiots.	Imbeciles.	Moral Imbeciles.	Feeble-minded.
Notified to Local Control Committee	3	26	1	3*

<sup>\*</sup> Reason notified—Deaf-mutes, 2 cases. Bad Home, 1 case.

## (2) FEEDING OF CHILDREN.

The system adopted in 1915 was continued in 1916.

## (3) PHYSICAL TRAINING.

Physical exercises continue to be taught in all schools as in the past, three periods of twenty minutes' teaching each week being given.

Special notices are issued from the School Medical Department in the case of all children found during medical inspection to require modified drill, and such children are kept under the special observation of the School Medical Officers.

### (4) SPECIAL SCHOOLS.

#### KNOWLE OPEN-AIR SCHOOL.

The children are examined for admission and discharge, and the school visited once a week by the Acting School Medical Officer.

No. of admissions				 90
No. of discharges			• • •	 75
Average attendance	• • •	• • •	• • •	 80

The urgent need for the extension of open-air teaching becomes more apparent each year, and the appreciation of the work done by the school may be judged by the number of applications coming in for admission of children. At the end of 1916 the number of children on the waiting list recommended by the School Doctors and the Tuberculosis Officer reached 296.

I would again like to emphasise the importance of Open-Air Schools as a preventive measure in the control of all forms of Tuberculosis.

#### BARTON HILL OPEN-AIR SCHOOL.

Children are admitted and discharged by the Acting School Medical Officer, cases being selected from the Open-Air School List kept at the School Medical Office.

No. of admissions		• • •	•••	• • •	18
No. of re-admissions	• • •	•••	•••	•••	1
		Cotal	• • •	• • •	19
No. of discharges		•••	• • •	• • •	25

#### REDCROSS STREET MENTALLY DEFECTIVE SCHOOL.

Children are examined for admission to this school by Dr. L. M. Griffiths, who acts as Medical Officer.

No. of admissions	• • •	•••	•••	•••	57
No. of discharges	• • •	•••	• • •	•••	50
No. on books	• • • •	• • •	•••	•••	193
Average attendance	• • •	• • •		•••	159.5

## ORCHARD PLACE MENTALLY DEFECTIVE SCHOOL.

Dr. L. M. Griffiths acts as Medical Officer and admits and discharges the children.

No. of admissions	•••	• • •		• • •	17
No. of discharges	• • •	•••	• • •	• • •	15
No. on registers	• • •	• • •	•••	• • •	69
Average attendance		• • •	• • •	• • •	58.6

#### REDCROSS STREET PHYSICALLY DEFECTIVE SCHOOL.

The Acting School Medical Officer visits this school once weekly to hold a clinic, and also admits and discharges children.

No. of admissions	• • •		• • •		52
No. of discharges	• • •		• • •		48
Average attendance	• • •	• • •		•••	139.4
No. on register	• • •		• • •	•••	166

Physical defects from which children now in the school suffer:—

Hydrocephalic pa	ralysi	S	• • •	• • •	• • •	1
Various forms of	paral	ysis		• • •		47
Disease of spine	•••	• • •			• • •	18
Tuberculous disea	se of	joints	•••	• • •		38
Rickets	• • •	•••				20
Talipes	• • •					3
Congenital disloca			p	•••	• • •	4
Old Empyema					• • •	2
Cretinism						2
Heart Disease						12
Transposed heart			• • •			1
Amputations—Le				•••		3
_		• • •	• • •	• • •	• • •	
Fo	ot	• • •	• • •	• • •	• • •	1
Ha	and		• • •	• • •		1
Congenital absence	e of h	and	• • •		• • •	1
"	,, t	humbs	• • •			1
"	i	oints				1
Epilepsy						1
Mastoid disease						1
Post-operative Tr					• • •	1
Tore operation as						

Rheumatism	•••	•••		• • •		1
Recurrent Chore	ea		• • •	• • •	• • •	2
Patent Tracheot	comy wo	und	•••	• • •	• • •	1
Synovitis	•••	• • •				1
Post-operation of	dressing	•••	• • •	• • •		1
Meningocele	* * *	• • •	•••	• • •	• • •	ı
						166

## Work of Nurse at Redcross Street Special School.

The following table shows the work done by the Nurse during the year:—

		Treat	ment	Res	sult
Disease Treated		No. of Cases	No. of Dressings	Improved or Cured	Under Treatment
Ear discharge	• • •	25	980	6	13
Tuberculous joints		19	1,967	3	11
Eye disease	•••	34	489	31	3
Burns and scalds	•••	20	263	18	2
Septic sores	•••	185	1,961		14
Boils		10	64	10	_
Paralysis		8	219	_	5
Ringworm		3	265	3	
Herpes and shingles		7	49	7	
Broken chilblains		11	303	11	
Sprain		1	4	1	
Accidents, cuts, etc.	•••	35	316	32	3

## INSTITUTION FOR THE DEAF, KINGSDOWN.

No. of admissions		 		9
No. of discharges	• • •	 	• • •	9
No. on registers		 		54

The Acting School Medical Officer admits the children and is in weekly attendance.

Mr. Massey-Crosse carries out all dental treatment required.

## NEW STREET SPECIAL SCHOOL.

(Combined School for Myopic and Partially Deaf Children.)

The Acting School Medical Officer admits the children and is in attendance.

Myope Classes (for children suffering from 5 D. and upwards of myopia).

No.	of	admissions	• • •	 		 9
No.	of	discharges		 	• • •	 10
No.	on	registers		 		 44

Children suffering from inflammatory disease receive daily treatment by the School Nurse at the Treatment Clinic, and all children, where required by the Oculists, attend the Eye Hospital or Eye Dispensary at regular intervals.

#### Semi-deaf Classes.

No. of admissions	 	 • • •	17
No. of discharges	 	 • • •	14
No. on registers	 	 	30

The children attending the clinic are examined every month by the Acting School Medical Officer, and receive treatment by the School Nurse at the New Street Clinic.

#### DAY INDUSTRIAL SCHOOL.

The school accommodates 208 children.

Average attendance during 1916 was 90.5.

Dr. J. S. Griffiths continues to attend weekly for the purpose of making routine examination, and for the treatment of minor ailments. The children receive dental treatment—all necessary fillings and extractions being done by the School Dentist.

# CARLTON HOUSE CERTIFIED INDUSTRIAL SCHOOL FOR GIRLS.

No. of admissions	• • •	 	***	16
Average attendance	• • •	 • • •		42
Accommodation availab	le	 		55
No. of discharges		 		17

All the girls discharged were placed in domestic service.

Dr. Annie Cornall continues to act as Medical Officer, and visits the school weekly, and on special occasions, when required.

Mr. Massey-Crosse, the School Dentist, visits twice a year to examine all the pupils' teeth, and also examines each child on admission.

## (5) MISCELLANEOUS WORK.

The following medical examinations were made by the Acting School Medical Officer:—

- 41 boys as to fitness for removal to Industrial Schools.
- 4 boys as to fitness for admission to Nautical School.
- 25 candidates for Bursarships.
  - 6 Student Teachers.
- 45 Successful candidates for Junior Scholarships.